

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L1 | 973 | (381/98).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:20 |
| L2 | 43 | 381/98-109.ccls. and harmonic same filter same amplifier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:09 |
| L4 | 1 | ("20010034252").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/12 15:42 |
| L5 | 35 | 381/98-109.ccls. and harmonic and filter and amplifier and (phone ringer ring polyphonic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:45 |
| L6 | 594 | harmonic same (phone ringer ring polyphonic) same filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:45 |
| L7 | 0 | harmonic same (polyphonic near2 ring\$2) same filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:46 |
| L8 | 1 | harmonic same (polyphonic near2 ring\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:46 |
| L9 | 11 | harmonic and (polyphonic near2 ring\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:02 |
| L10 | 0 | (polyphonic near2 ring\$2) same (bandwidth near2 expan\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:48 |
| L11 | 43 | (ring\$2 ringer) same phone same harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:59 |

EAST Search History

| | | | | | | |
|-----|-----|---|--|----|-----|------------------|
| L12 | 0 | (ring\$2 ringer) same phone same harmonic same (bandwidth near2 expan\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:49 |
| L13 | 3 | "455"/\$.ccls. and harmonic same (bandwidth near3 expan\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:59 |
| L14 | 3 | "455"/\$.ccls. and (harmonic harmonics) same (bandwidth near3 expan\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:01 |
| L15 | 198 | "455"/\$.ccls. and (harmonic harmonics) same (speech ringer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:05 |
| L16 | 3 | "455"/\$.ccls. and (add\$3 near4 (harmonic harmonics)) same (speech ringer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:05 |
| L17 | 52 | 381/61,98-109.ccls. and harmonic same filter same amplifier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:49 |
| L18 | 610 | (381/61).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:49 |
| L19 | 145 | L18 and (ring ringer phone speech) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:50 |
| L20 | 40 | L18 and (ring ringer phone speech) and (harmonic harmonics) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:50 |
| L21 | 11 | harmonic and (polyphonic near2 ring\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:03 |

EAST Search History

| | | | | | | |
|-----|--------|--|--|----|-----|------------------|
| L22 | 107029 | ((polyphonic near2 ring\$2) speech) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:03 |
| L23 | 3 | ((polyphonic near2 ring\$2) same speech) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:20 |
| L24 | 5 | (polyphonic near2 ring\$2) same (harmonic harmonics) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:09 |
| L25 | 7 | (polyphonic near2 ringer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:22 |
| L26 | 120 | (polyphonic near2 sound) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:22 |
| L27 | 4 | (polyphonic near2 sound) same (harmonic harmonics) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:28 |
| L28 | 14 | (polyphonic near2 music) same (harmonic harmonics) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:31 |
| L29 | 226 | (polyphonic near2 tone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:31 |
| L30 | 16 | (polyphonic near2 ring near2 tone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:51 |
| L31 | 0 | ("EP-994464-\$.did.").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:51 |

EAST Search History

| | | | | | | |
|-----|-----|--|--|----|-----|------------------|
| L32 | 0 | ("EP-994464-\$.did.").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:52 |
| L33 | 0 | ("EP-994464-\$.did.").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2006/11/12 17:52 |
| L34 | 0 | ("EP-994464-\$.did.").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2006/11/12 17:52 |
| L35 | 0 | ("EP-1161076-\$.did.").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2006/11/12 17:52 |
| L36 | 0 | ("EP-161076-\$.did.").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2006/11/12 18:18 |
| L37 | 4 | ((("4700390") or ("5581652"))).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2006/11/12 18:18 |
| S1 | 12 | ((("4739514") or ("5204909") or ("20030026441") or ("4123711") or ("6798197") or ("4947133") or ("4055818") or ("5255324") or ("5481617") or ("5509080") or ("6134330") or ("20010036285"))).PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/12 15:19 |
| S2 | 610 | (381/61).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/08 17:55 |

EAST Search History

| | | | | | | |
|----|---|--|--|----|-----|------------------|
| S3 | 1 | korner.in. and harmonic and splitter and audio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/08 17:58 |
| S4 | 5 | ((("20040022400") or ("6215879") or ("6023513") or ("3828133") or ("20010034252")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/12 15:42 |
| S5 | 1 | ("5923766").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/08 18:02 |